



PUBLIC NOTICE

File Number: NRS 14.333

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Mark McGuire
Senior Design Engineer
City of Memphis
125 North Main Street, Ste. 677
Memphis, TN 38103
901-576-6960

LOCATION: Macon Rd bridge replacement over branch of Fletcher Creek, File# NRS 14.333, Shelby County (Lat: 35.164682/ Lon: -89.847492)

PROJECT DESCRIPTION: The applicant proposes to replace the existing Macon Road bridge and realign a total of 230' of a branch of Fletcher Creek.

IMPACTS:

Impact 1: Latitude: 35.164682 Longitude: -89.847492

Branch of Fletcher Creek (TN08010210023_0999)

Replace the existing Macon Road bridge and realign a total of 165' of a branch of Fletcher Creek

The existing bridge is ~90' of 17' wide single span concrete slab bridge and 65' open stream at the inlet and 100' open stream at the outlet. The applicant proposes to construct 120' of a three cell 8X15' box culvert adjacent to the existing bridge with 65' transition (40' of riprap) at the inlet and 100' (40' of riprap) transition at the outlet. The center cell will be open but the outer cell would remain closed until a future easement purchase to use them as additional overflow during storm events.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: The branch of Fletcher Creek flows into the Wolf River Watershed. The Tennessee portion of the Wolf River Watershed (68.5% of the

entire watershed) includes parts of Fayette, Hardeman, and Shelby Counties. It drains approximately 819 square miles, 561 square miles of which are in Tennessee, and empties to the Mississippi River Watershed. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

Branch of Fletcher Creek (TN08010210023_0999) is in the Loess Plain (74b) ecoregion. The channel dimensions are as follows: channel bottom width (15-20'), channel top width (45-50'), water depth (irregular pools 0-6"), and bank height (8'). Typical substrate in this section is comprised of sand gravel broken concrete rubble and riprap.

Stream Name / ID #: Branch of Fletcher Creek (TN08010210023_0999)

Ecoregion: Loess Plain (74b)

| | | |
|--------------------------|----------------------|--------|
| Stream Dimension: | Channel bottom width | 15-20' |
| | Channel top width | 45-50' |
| | Water depth | 0-6" |
| | Bank height | 8' |

Substrate: sand gravel broken concrete rubble and riprap

| Designated Use | Use Support | Causes |
|-----------------------|--------------------|---------------|
|-----------------------|--------------------|---------------|

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| Fish and aquatic life | not assessed | |
|-----------------------|--------------|--|

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|------------|--------------|--|
| Recreation | not assessed | |
|------------|--------------|--|

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|-------------------------|--------------|--|
| Industrial water supply | not assessed | |
|-------------------------|--------------|--|

| | | |
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| Irrigation | not assessed | |
|------------|--------------|--|

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|-------------------------------|--------------|--|
| Livestock watering & wildlife | not assessed | |
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Assessment Date: n/a

No mitigation would be required.

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

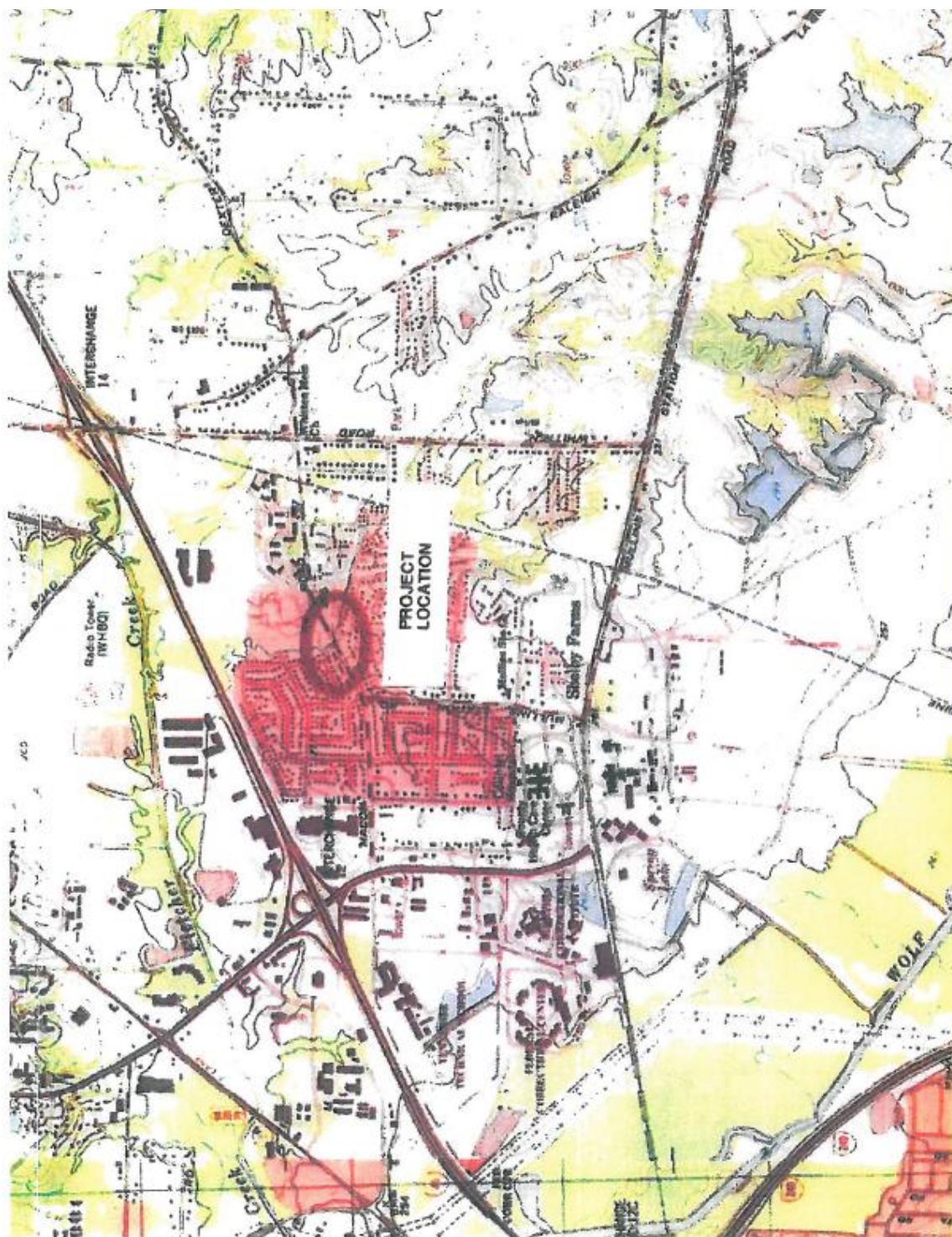
PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate

the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Dr. Sandra Dudley, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 12th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP SHELBY COUNTY, TENNESSEE AND INCORPORATED AREAS

PANEL 315 OF 635
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

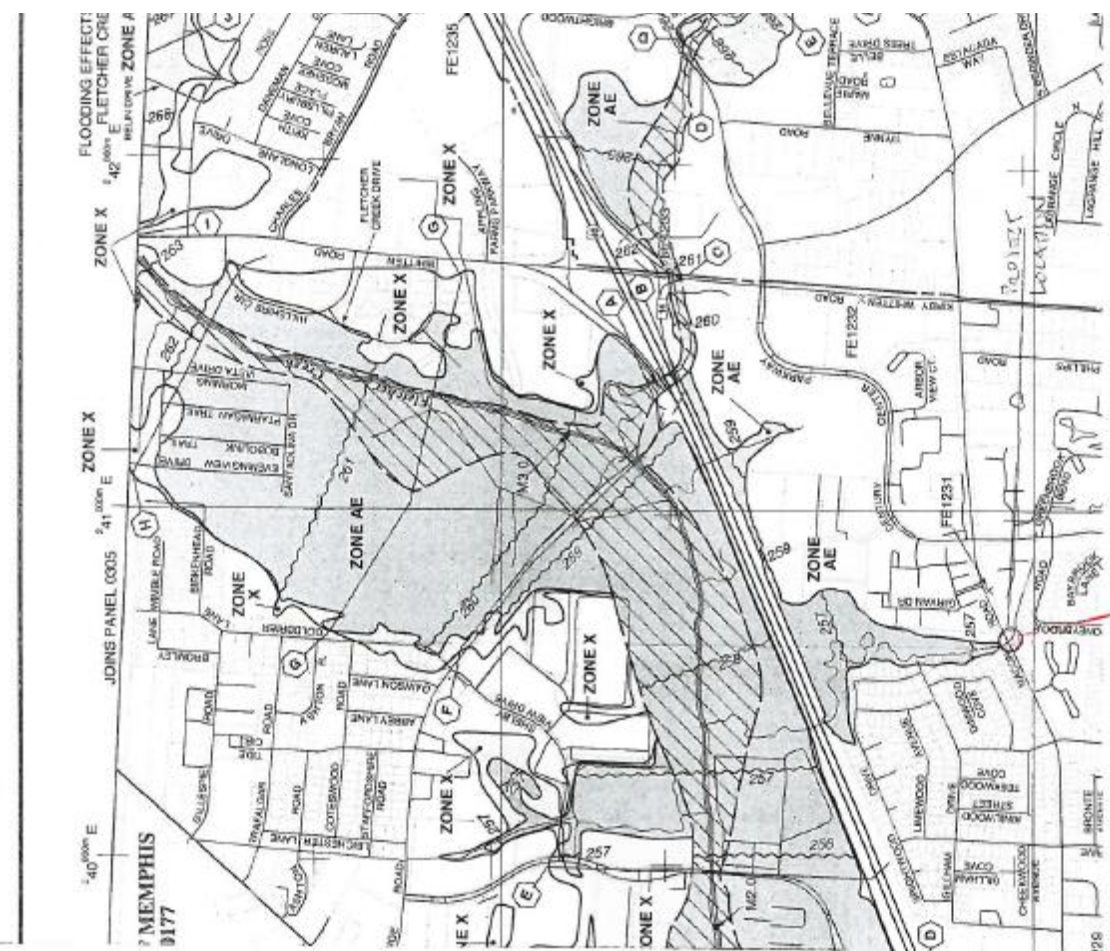
| COMMUNITY | NUMBER | PANEL | SUFFIX |
|-----------------|--------|-------|--------|
| SHELBY COUNTY | 47614 | 0015 | F |
| SMITH COUNTY | 47615 | 0015 | F |
| MEMPHIS CITY OF | 47617 | 0015 | F |

NOTE: To Use: The Map Number shown below should be used when placing map orders; the Community Number shown below should be used in insurance applications for the subject community.



MAP NUMBER
47157C0315F
MAP REVISED
SEPTEMBER 28, 2007

Federal Emergency Management Agency



PROJECT
LOCATION

